

AMPHIPOD NEWSLETTER 29

While AN 28 and 30 are special issues, giving a list of all amphipod species described since 1974, AN 29 is a more normal issue, with an annotated bibliography and an index to new taxa in the papers contained in this bibliography. (As mentioned before, there are fewer and fewer annotations, as library facilities deteriorate also here in Tromsø, so that I very often do not see the papers in the bibliography). As usual, I thank those colleagues who helped me out with references; special thanks once more to Franz Krapp (Bonn) and Georgy Vinogradov (Moskva).

In addition this issue contains a list of the amphipod papers presented at the Crustacean Conference in Glasgow in July 2005, and a report from the Amphipod meeting in Cork following shortly after.

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ALLSOP D. J. & S. A. WEST 2004. Sex-ratio evolution in sex changing animals. ---- *Evolution* 58, 1019-1027.

ALONSO, A. & J. A. CAMARGO 2004. Toxic effects of unionized ammonia on survival and feeding activity of the freshwater amphipod *Eulimnogammarus toletanus* (Gammaridae, Crustacea). ---- *Bulletin of Environmental Contamination and Toxicology* 72, 1052-1058.

ALONSO DE PINA, G. M. 2005. A new species of *Notopoma* Lowry & Berents, 1996, and a new record of *Jassa marmorata* Holmes, 1903, from the southwestern Atlantic (Amphipoda: Corophiidea: Ischyroceridae). ---- *Proceedings of the Biological Society of Washington* 118, 528-538. (*N. argentina* n. sp., from Ria Deseado, Santa Cruz province, Argentina)

ANDERSON, B. S., J. W. HUNT, B. M. PHILLIPS, P. A. NICELY, R. S. TJEERDEMA & M. MARTIN 2004. A comparison of *in situ* and laboratory

toxicity tests with the estuarine amphipod *Eohaustorius estuarius*. ---- *Archives of Environmental Contamination & Toxicology* 46, 52-60

APPADOO, C. & A. A. MYERS 2005. Amphipods of the genera *Ceradocus*, *Dulichchiella*, *Melita* and *Nuuanu* (Crustacea: Melitidae) from Mauritius, Indian Ocean. ---- *Records of the Australian Museum* 57, 221-236. (Deals with *Ceradocus* (*Denticeradocus*) *greeni* n.sp., *Dulichchiella* *cuvettensis* n.sp., *Melita* *corticis* n.sp., *M. setimera* n.sp. and *Nuuanu* *rectimana* n.sp., all from Mauritius)

ARIYAMA, H. 2005. Six species of the genus *Colomastix* (Crustacea. Amphipoda: Colomastigidae) from western Japan, with descriptions of two new species. ---- *Bulletin of the Osaka Museum of Natural History* 59, 1-40. (Deals with *Colomastix* *azumai*, *C. japonica*, *C. kapiolani*, *C. littoralis* n.sp., *C. plumosa*, and *C. semiplumosa* n.sp. All species were collected from sponges in coastal western Japan. A key to Japanese *Colomastix* and data on the hosts are provided.)

ARNDT, C. E., J. BERGE & A. BRANDT 2005. Mouthpart-atlas of arctic sympagic amphipods—trophic niche separation based on mouthpart morphology and feeding ecology. ---- *Journal of Crustacean Biology* 25, 401-402. (*Apherusa glacialis*, *Gammarus wilkitzkii*, *Onisimus glacialis* and *O. nansenii*.)

ARNDT, C. E., G. FERNANDEZ-LEBORANS, L. SEUTHE, J. BERGE & B. GULLIKSEN 2005. Ciliated epibionts on the Arctic sympagic amphipod *Gammarus wilkitzkii* as indicators for sympago-benthic coupling. ---- *Marine Biology, Berlin* 147, 643-652.

BACELA, K. & A. KONOPACKA 2005. The life history of *Pontogammarus robustoides*, an alien amphipod in Polish waters. ---- *Journal of Crustacean Biology* 20, 190-195.

BALKIS, N., S. ALBAYRAK & H. BALKIS 2002. Check-list of the Crustacean fauna of the Bosphorus. ---- *Turkish Journal of Marine Sciences* 8, 157-164. (37 amphipod species on pp 160-161.)

BANO, H. & Q. B. KARMI 2004. *Laetmatophilus paradurbanensis*, new species (Crustacea: Amphipoda: Podoceridae) from Pakistan coast (Northern Arabian Sea). ---- *Pakistan Journal of Marine Sciences* 13, 35-40. (This new species was found on the spider crab *Camposcia retusa* in shallow waters near Churna island, Baluchistan.)

BAUER, A., E.R. HAINE, M.-J. PERROT-MINOT & T. RIGAUD 2005. The acanthocephalan parasite *Polymorphus minutus* alters the geotactic and clinging

behaviours of two sympatric amphipod hosts: the native *Gammarus pulex* and the invasive *Gammarus roeseli*. ---- *Journal of Zoology, London* 267, 39-43.

BEAUCHAMP, G. 2005. Low foraging success of Semipalmated Sandpipers at the edges of groups. ---- *Ethology* 111, 785-798. (*Corophium volutator* in Bay of Fundy)

BERGE, J. & W. VADER 2005. Two new Antarctic stegocephalid (Amphipoda) species, with implications for the phylogeny and classification of the two genera *Pseudo* and *Schellenbergia*. ---- *Berichte zur Polar- und Meeresforschung* 507, 118-121.

BERGE, J. & W. VADER 2005. The amphipod genus *Alexandrella* (Amphipoda, Stilipedidae): taxonomic status, allometric growth and description of two new species. ---- *Journal of Natural History* 39, 1327-1346. (Deals with *Alexandrella australis*, *A. dentata* –with *A. mixta* as junior synonym--, *A. inermis*, *A. mandibulata* n.sp. (55°S, 34°W, 3200m), *A. martae* n.sp. (S. Georgia) and *A. subchelata*. A key is provided. Two species have oostegites on p.1!)

BERGE, J., W. VADER & S. LOCKHART 2005. A survey of associations between amphipods and sea urchins, with descriptions of two new species (genera *Lepidepecreella* (Lysianassoidea incertae sedis) and *Notopoma* Ischyroceridae Siphonocetini)) collected from Antarctic cidarid sea urchins. --- *Berichte zur Polar- und Meeresforschung* 507, 25-27.

BEREZINA, N. A. 2005. (Seasonal dynamics of structure and fecundity of the Baikalian amphipod (*Gmelinoides fasciatus*, Amphipoda, Crustacea) population in reedbeds of the Neva Bay.) ---- *Zoologicheskyy Zhurnal* 84, 411-419. (In Russian)

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BRADBURY, P. C. 2005. *Gymnodinioides pitelkae* n. sp. (Ciliophora, Apostomatina) from the littoral amphipod, *Marinogammarus obtusatus*, a trophont with remnants of the tomite's infraciliature. ---- *European Journal of Protistology* 41, 85-92.

BUHL-MORTENSEN, L. & P. B. MORTENSEN 2005. *Distribution and diversity of species associated with gorgonian corals off Atlantic Canada*. ----

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BUSCHBAUM, C. & L. GUTOW 2005. Mass occurrence of an introduced crustacean (*Caprella cf. mutica*) in the south-eastern North Sea. ---- *Helgoland Marine Research* 59, 252-253.

CAMUS, L. & B. GULLIKSEN 2004. Total oxyradical scavenging capacity of the deep-sea amphipod *Eurythenes gryllus*. ---- *Marine Environmental Research* 58, 615-618.

CASTRO, M., A. ARAUJO & P. MONTEIRO 2005. Fate of discards from deep water crustacean trawl fishery off the south coast of Portugal. ---- *New Zealand Journal of Marine and Freshwater Research* 39, 437-446. (Not seen, unfortunately. *Scopelocheirus hopei* important scavenger.)

CHAPELLE, G. 2004. Antarctic and Baikal amphipods: a key for understanding polar gigantism. ---- *Documents de Travail de l'Institut Royal des Sciences Naturelles de Belgique* 95. CD-Rom, Brussels . (This is Gauthier Chapelle's most interesting PhD thesis on the relations between oxygen content, temperature and growth relations)

CHAPELLE, G. & L. S. PECK 2004. Amphipod crustacean size spectra: new insights in the relationship between size and oxygen. ---- *Oikos* 106, 167-175.

CHIESA, I. L., G. ALONSO & D. G. ZELAYA 2005. Diversity of Gammaridea (Amphipoda) from southern Tierra del Fuego, Argentina: preliminary results. --- *Berichte zur Polar- und Meeresforschung* 507, 124-125.

CLASON, B., W. J. LANGSTON & G.-P. ZAUKE 2004. Bioaccumulation of trace metals in the amphipod *Chaetogammarus marinus* (Leach, 1815) from the Avon and Tamar estuaries (UK): comparison of two-compartment and hyperbolic toxicokinetic models. ---- *Marine Environmental Research* 57, 171-195.

COLD, A. & V. R. FORBES 2004. Consequences of a short pulse of pesticide exposure for survival and reproduction of *Gammarus pulex*. ---- *Aquatic Toxicology* 67, 287-299.

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DANG, NGOC THANH & HUNG ANH LE 2005. (New data on the gammaridean Amphipoda species composition Vietnam nearshore waters.) ---- *Tap Chi Sinh Hoc* 27, 1-7. (In Vietnamese; not seen, unfortunately. Describes *Eriopisa ovata* n. sp., *Indophoxus curvirostris* n. gen., n. sp. (Phoxocephalidae), and *Vietophoxus longirostris* n. gen., n. sp. (Phoxocephalidae), all from localities on the coast of Vietnam)

DAUBY, P., F. NIJSSEN & C. DE BROYER 2003. *Amphipods as food sources for higher trophic levels in the Southern ocean: a synthesis*. ---- Pp 129-134 in A. H. L. Huiskes, W. W. C. Gieskes, J. Rozema, R. M. L. Schorno, S. M. van der Vies & W. J. Wolff.: *Antarctic biology in a global context*. Backhuys Publishers, Leiden.

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DE BROYER, C., J. M. GUERRA-GARCIA, I. TAKEUCHI, H. ROBERT & A. MEERHAEGHE 2004. Biodiversity of the Southern Ocean: a catalogue of the Antarctic and sub-Antarctic Caprellidae and Cyamidae (Crustacea: Amphipoda) with distribution and ecological data. ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie* 74, 61-99. (Deals with 25 Caprellidae and 8 Cyamidae.)

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DEVIN, S., L. BOLLACHE, J.-N. BEISEL, J.-C. MORETEAU & M.-J. PERROT-MINNOT 2004. Pigmentation polymorphism in the invasive amphipod *Dikerogammarus villosus*: some insights into its maintenance. ---- *Journal of Zoology, London* 264, 391-397.

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DIAZ, Y. J., J. M. GUERRA-GARCIA & A. MARTIN 2005. Caprellids (Crustacea: Amphipoda: Caprellidae) from shallow waters of the Caribbean coast of Venezuela. ---- *Organisms , Diversity & Evolution* 5, *Electr. Suppl.* 10, 1-25. (Deals with 12 species, of which *Caprella penantis* and *Paracaprella digitimanus* are new to Venezuelan waters. A key and illustrations are provided)

DICK, J. T. A., M. P. JOHNSON, S. McCAMBRIDGE, J. JOHNSON, V. E. E. CARSON, D. W. KELLY & C. MacNEIL 2005. Predatory nature of the littoral amphipod *Echinogammarus marinus*: gut content analysis and effects of alternative food and substrate heterogeneity. ---- *Marine Ecology Progress Series* 291, 151-158.

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FORD, A. T., T. F. FERNANDES, S. A. RIDER, P. A. READ, C. R. ROBINSON & I. M. DAVIES 2004. Endocrine disruption in a marine amphipod? Field observations of intersexuality and de-masculinization. ---- *Marine Environmental Research* 58, 169-173.

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FREDENSBORG, B. L., K. N. MOURITZEN & R. POULIN 2004. Intensity-dependent mortality of *Paracalliope novizealandiae* (Amphipoda: Crustacea) infected by a trematode: experimental infections and field observations. ---- *Journal of Experimental Marine Biology & Ecology* 311, 253-265.

GAILLARD, M., C. JUILLET, F. CÉZILLY & M.-J. PERROT-MINOT 2004. Carotenoids of two freshwater amphipod species (*Gammarus pulex* and *G. roeseli*) and their common acanthocephalan parasite *Polymorphus minutus*. ---- *Comparative Biochemistry and Physiology B* 139, 129-136.

GALIL, B.S. 2004. The limit of the sea: the bathyal fauna of the Levantine Sea. ---- *Scientia Marina* 68, Suppl. 3, 63-72. (Amph. listed on p. 73)

GALLMETZER, I., B. PFLUGFELDER, J. ZEKELY & J. A. OTT 2005. Macrofauna diversity in *Posidonia oceanica* detritus: distribution and diversity of mobile macrofauna in shallow sublittoral accumulations of *Posidonia oceanica* detritus. ---- *Marine Biology, Berlin* 147, 517-523. (Not seen)

GASCA, R. & S. H. D. HADDOCK 2004. Associations between gelatinous zooplankton and hyperiid amphipods (Crustacea: Peracarida) in the Gulf of California. ---- *Hydrobiologia* 530/531, 529-535.

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GOMEZ GESTEIRA, J. L. & J.-C. DAUVIN 2005. Impact of the Aegean oil spill on the subtidal fine sand macrobenthic community of the Ares-Betanzos Ria (Northwest Spain). ---- *Marine Environmental Research* 60, 289-316.

GUERRA-GARCIA, J. M. 2004. Littoral Caprellidea (Crustacea, Amphipoda) from Phuket, Thailand. ---- *Steenstrupia* 28 (2002), 159-175. (Deals with *Metaproto novaehollandiae*, *Protogeton incertus*, *Aciconula* sp., *Metaprotella sandalensis* and *Monoliropus hapipandi* n.sp.. Also *Monoliropus agilis* is described and illustrated.)

HAINE, E. R., E. BRONDANI, K. D. HUME, M.-J. PERROT-MINOT, M. GAILLARD & T. RIGAUD 2004. Coexistence of three microsporidian parasites in populations of the freshwater amphipod *Gammarus roeseli*: evidence for vertical transmission and positive effect on reproduction. ---- *International Journal for Parasitology* 34, 1137-1146.

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HACHT, S. A., J. S. GUNNARSSON, B. L. BOESE, J. O. LAMBERSON, C. SCHAFFNER, W. GIGER & P. C. JEPSON 2004. Influence of sedimentary organic matter quality on the bioaccumulation of 4-nonylphenol by estuarine amphipods. ---- *Environmental Toxicology & Chemistry* 23, 865-873.

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HIRT, E. & H. SCHOEDEL 2005. Record of *Echinogammarus trichiatus* (Crustacea: Amphipoda) in the river Regnitz near Bamberg, Germany. ---- *Lauterbornia* 55, 121-123. (Not seen. In German?)

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 Sub-arctic north Norwegian marine sill basins. ---- *Marine Biology Research* 1,
 85-96. (Few amphipods)

HOLTHUIS, L. B. & C. H. J. M. FRANSEN 2004. Interesting records of whale
 epizoic crustaceans from the Dutch North Sea coast. ---- *Nederlandse
 Faunistische Mededelingen* 21, 11-26. (i.a. *Cyamus boopis* from Humpback
 Whale.)

HORTON, T. 2005. A new amphipod species from the Indian Ocean (Crustacea:
 Amphipoda: Lysianassoidea: Podoprionidae). ---- *Zootaxa* 861, 1-11.
 (*Podoprion addyi* n.sp. from off Pakistan, 1184m. A key to the genus is
 provided.)

HOU, Zh. & S. LI 2005. Two new *Gammarus* species from Benxi Water Cave,
 China (Crustacea, Amphipoda, Gammaridae). ---- *Revue Suisse de Zoologie*
 112, 47-74. (*G. pexus* n.sp and *G. stalagmiticus* n.sp.)

HOU, Z. & S. LI 2005. *Gammarus* species from River Jumahe, China
 (Crustacea, Amphipoda, Gammaridae). ---- *Revue Suisse de Zoologie* 112, 313-
 327. (Deals with *Gammarus lacustris*, *G. nekkensis*, and *G. madidus* n.sp.)

HOU, Z., S. LI & H. GAO 2005. *Gammarus comosus*, a new cave-dwelling
 gammarid from Guizhou, China (Amphipoda, Gammaridea), ---- *Crustaceana*
 78, 653-664.

HUME, K. D., R. W. ELWOOD, J. T. A. DICK & J. MORRISON 2005. Sexual
 dimorphism in amphipods: the role of male posterior gnathopods revealed in
Gammarus pulex. ---- *Behavioural Ecology & Sociobiology* 58, 264-269. (The
 posterior gnathopods are necessary to ensure copulation, but play no major role
 in mate guarding or competition between males!)

- IANNILLI, V., S. RUFFO & J. R. HOLSINGER 2005. *Nubigidiella theresiae* n.sp from Abd al Kuri island, Yemen (Crustacea Amphipoda, Bogidiellidae), with description of a new maxillipedal structure. ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 29, 39-45.
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- KACZMAREK, H., M. WLODARSKA-KOWALCZUK, J. LEGEZYNSKA & N. ZAJACZKOWSKI 2005. Shallow sublittoral macrozoobenthos in Kongsfjord, West Spitsbergen, Svalbard. ---- *Polish Polar Research* 26, 137-155. (Amph. on pp 142-143.)

KELLY, D. W. & J. T. A. DICK 2005. Introduction of the non-indigenous amphipod *Gammarus pulex* alters population dynamics and diet of juvenile trout *Salmo trutta*. ---- *Freshwater Biology* 50, 127-140.

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KHARCHENTO, T. A. 2005. Biodiversity of the Ponto-Caspian relict fauna in the Danube Basin (review). ---- *Hydrobiological Journal* 41, 57-79. (With extensive bibliography. Amphipods listed on pp 63-64.)

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KING, R. A. & J. M. C. HOLMES 2004. A new species of *Ischyrocerus* (Crustacea: Amphipoda) from Ireland, with a review of *Ischyrocerus anguipes* and *Ischyrocerus minutus* from the North-East Atlantic. ---- *Journal of Natural History* 38, 1757-1772. (Deals with *I. anguipes*, the revived *I. minutus* Liljeborg, and *I. fractus* n. sp. from Lough Hyne, Co. Cork, Ireland.)

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KIRKIM, F., A. KOCATAS, T. KATAGAN, M. SEZGIN & A. S. ATES 2005. Crustacean biodiversity of *Padina pavonia* (L.) facies along the Aegean coasts of Turkey. ---- *Turkish Journal of Zoology* 29, 159-166. (49 amphipod spp.)

KITSOS, M.-S., M. CHRISTODOULOU, C. ARVANITIDIS, M. MAVIDIS, I. KIRMITZOGLOU & A. KOUKOURAS 2005. Composition of the organismic assemblage associated with *Caretta caretta*. ---- *Journal of the Marine Biological Association UK* 85, 257-261. (Seven amphipods, with *Caprella andreae* and *Podocerus chelonophilus* the most common.)

KLEY, A. & G. MAIER 2005. An example of niche partitioning between *Dikergammarus villosus* and other invasive and native gammarids: a field study. ---- *Journal of Limnology* 64, 85-88.

KOCATAS, A., T. KATAGAN, M. SEZGIN, F. KIRKIM & C. KOCAK 2004. Crustacean diversity among the *Cystoseira* facies of the Aegean coast of Turkey. ---- *Turkish Journal of Zoology* 28, 309-316. (36 amphipod spp.)

KOENEMANN, S. & F. R. SCHRAM 2002. The limitations of ontogenetic data in phylogenetic analyses. ---- *Contributions to Zoology* 71, 47-65.

KRÅNG, A.-S. & S. P. BADEN 2004. The ability of the amphipod *Corophium volutator* (Pallas) to follow chemical signals from con-specifics. ---- *Journal of Experimental Marine Biology and Ecology* 310, 195-206.

KRAPP-SCHICKEL, T. 2005. Cressidae (Crustacea: Amphipoda) collected by the BIOFAR and BIOICE programmes near the Faroes and Iceland (N-Atlantic). ---- *Biofar Proceedings 2005*, 150-166. (Deals with *Cressina monocuspis*, *Cressa minuta*, *C. carinata* and *C. jeanjusti* n.sp. (off Faroes). A key to Cressidae is provided. The validity of *Cressa abyssicola*, *C. bereskini* and *C. quinquedentata* is still uncertain)

KRAPP-SCHICKEL, T. & I. TAKEUCHI 2005. A new species of *Caprella* (Amphipoda, Caprellidae) from the Cape Verde Islands (Atlantic), with note on Mediterranean *Caprella liparotensis*. ---- *Journal of the Marine Biological Association UK* 85, 93-100 (*C. wirtzi* n.sp..)

KRISP, H. 2004. *Substratpräferenz, Aktivität, Prädationsneigung und Wachstum von neozoischen und heimischen Gammaridenarten in Laborexperimenten*. ---- Diplom Thesis, Univ. of Ulm, 67 pp (Not seen)

LANDRUM, P. F., J. A. STEEVENS, M. McELROY, D. C. GOSSIAUX, J. S. LEWIS & S. D. ROBINSON 2005. Time-dependent toxicity of dichloro-diphenyldichloroethylene to *Hyalella azteca*. ---- *Environmental Toxicology & Chemistry* 24, 211-218.

LECROY, S.E. 2004. *An illustrated identification guide to the nearshore marine and estuarine gammaridean Amphipoda of Florida. Volumes 1-3*. ---- CD; Univ. of S. Mississippi, Gulf Coast Research Laboratory Museum. (This is a packet with all three volumes of this extremely useful and practical identification guide brought together. Volumes 1(2000) and 2(2002) have been earlier noted in AN. Volume 3 contains the families Bateidae, Biancolinidae, Cheluridae, Colomastigidae, Corophiidae, Cyproideidae and Dexaminidae.)

LEE, K. T., J. S. LEE, D. H. KIM, C. K. KIM, K. H. PARK, S. G. KONG & G. S. PARK 2005. Influence of temperature on the survival, growth and sensitivity

of benthic amphipods *Mandibulophoxus mai* and *Monocorophium acherusicum*. ---- *Journal of the Korean Society of Marine Environmental Engineering* 8, 9-16.

LEE, J. S., K. T. LEE, D. H. KIM, J. H. LEE, K. H. PARK & G. S. PARK 2005. Application of indigenous benthic amphipods as sediment toxicity testing organisms. --- *Ocean Science Journal* 40, 17-24. (*Mandibulophoxus mai*, *Monocorophium acherusicum*, *Haustorioides indivisus* and *H. koreanus*.)

LEFEVRE, F., B. FREDENSBORG, A. ARMSTRONG, E. HANSEN & R. POULIN 2005. Assortative pairing in the amphipod *Paracalliope fluviatilis*: a role for parasites? ---- *Hydrobiologia* 545, 65-73. (No strong role for parasitism was found in this NZ study.)

LEPPÄKOSKI, E. 2004. *Living in a sea of exotics, the Baltic case*. ---- Pp 237-255 in H. Dumont, T. A. Shiganova & U. Nierma (eds). *Aquatic invasions in the Black, Caspian, and Mediterranean Seas*. NATO Science series 35, Kluwer. (Amphipods listed on pp 217-218, see also pp 224-225.)

LIMEN, H., C. D. A. van OVERDIJK & H. J. MacISAAC 2005. Food partitioning between the amphipods *Echinogammarus ischnus*, *Gammarus fasciatus*, and *Hyaella azteca* as revealed by stable isotopes. ---- *Journal of Great Lakes Research* 31, 97-104. (Not seen)

LIPPERT, H., K. IKEN, C. VOLK, M. KÖCK & E. RACHOR 2004. Chemical defense against predators in a sub-Arctic fjord. ---- *Journal of Experimental Marine Biology & Ecology* 310, 131-146.

LITZ, T. 2005. Live food of the amphipod *Hyaella* sp. easy to breed. ---- *Aquarium (Bornheim)* 433, 37-38.

LOPES, O. L. & S. MASUNARI 2004. (Distribution and abundance of *Talitroides topitotum* (Burt) (Crustacea, Amphipoda, Talitridae) nearby the Guaricana Hydroelectric Plant, Serra do Mar, Guaratuba, Parana, Brazil.) ---- *Revista Brasileira de Zoologia* 21, 219-227. (In Portuguese)

LOPES, O. L. & S. MASUNARI 2004. (Reproductive biology of *Talitroides topitotum* (Burt) (Crustacea, Amphipoda, Talitridae) from Serra do Mar, Guaratuba, Parana, Brazil.) ---- *Revista Brasileira de Zoologia* 21, 755-759. (In Portuguese)

LOPES, O. L. & S. MASUNARI 2004. Morphometric characteristics of *Talitroides topitotum* (Burt) (Crustacea, Amphipoda, Talitridae) from Serra do

Mar, Guaratuba, Parana, Brazil. ---- *Revista Brasileira de Zoologia* 21, 779-784. (In Portuguese.)

LOWRY, J. K. & R. T. SPRINGTHORPE 2005. New calliopiid and eusirid amphipods from eastern Australian waters (Crustacea: Amphipoda: Calliopiidae: Eusiridae). ---- *Proceedings of the Biological Society of Washington* 118, 38-47. (Deals with *Membranilopus kensleyi* n.sp. (Wollongong, NSW), *Regalia juliana* n.sp. (NSW) and *Rhachotropis elliottana* n.sp. (Queensland).)

LUCY, F., D. MINCHIN, J. M. C. HOLMES & M. SULLIVAN 2004. First records of the ponto-caspian amphipod *Chelicorophium curvispinum* (Sars, 1895) in Ireland. ---- *Irish Naturalist Journal* 27, 461-464. (Not seen)

MACDONALD, K. S., L. YAMPOLSKY & J. E. DUFFY 2005. Molecular and morphological evolution of the amphipod radiation of Lake Baikal. ---- *Molecular Phylogenetics and Evolution* 35, 323-343. (A most interesting pioneering study, involving 32 Baikal taxa. Results suggest two independent clades, the Acanthogammaridae and the Micruropodidae, the latter split into two widely different clades, one of which also includes the morphologically aberrant and pelagic *Macrohectopus*.)

MacNEIL, C. & D. PLATVOET 2005. The predatory impact of the freshwater invader *Dikerogammarus villosus* on native *Gammarus pulex* (Crustacea: Amphipoda); influences of differential microdistribution and food resources. ---- *Journal of Zoology, London* 267, 31-38.

MARSDEN, I. D. & P. S. RAINBOW 2004. Does the accumulation of trace metals affect their ecology—the amphipod example. ---- *Journal of Experimental Marine Biology & Ecology* 300, 373-408. (An excellent review. But the title question can not yet be answered clearly)

MATAFONOV, D. V., M. T. ITIGILOVA, R. M. KAMALTYNOV & L. M. FALEICHNIK 2005. (The Baikalian endemic species *Gmelinoides fasciatus* (Micruropodidae, Gammaroidea, Amphipoda) in Lake Arakhlei.) ---- *Zoologicheskyy Zhurnal* 84, 321-329 (in Russian)

McCLINTOCK, J. B., C. D. AMSLER, B. J. BAKER & R. W. M. van SOEST 2005. Ecology of Antarctic marine sponges; an overview. ---- *Integrated Comparative Biology* 45, 359-368.

- MEERHAEGHE, A., B. DANIS & C. DE BROYER 2005. Ant'Phipoda as a cornerstone of Bianco: from data-center to distributed information center. ---- *Berichte zur Polar- und Meeresforschung* 507, 74.
- MILLWARD, R. N., T. S. BRIDGES, U. GOSH, J. R. ZIMMERMANN & R. G. LUTHY 2005. Addition of activated carbon to sediments to reduce PCB bioaccumulation by a polychaete (*Neanthes arenaceodentata*) and an amphipod (*Leptocheirus plumulosus*). ---- *Environmental Science & Technology* 39, 2880-2887.
- MOHR, L. C. & T. F. NALEPA (Eds) 2005. *Proceedings of a workshop on the dynamics of lake whitefish (Coregonus clupeaformis) and the amphipod Diporeia spp in the Great Lakes*. ---- Great Lakes Fishery Commission Technical Report 66, 139 pp. (Not seen. Apparently contains many papers of amphipod interest)
- MORINO, H., H. KUSANO & J. R. HOLSINGER 2004. Description and distribution of *Crangonyx floridanus* (Crustacea: Amphipoda: Crangonyctidae) in Japan, an introduced freshwater amphipod from North America. ---- *Contributions of the Biological Laboratory of Kyoto University* 29, 371-381.
- NASRI-AMMAR, K. & E. MORGAN 2005. Variation saisonnière du rythme de l'activité locomotrice de *Talitrus saltator* issu de la plage de Korba (Cap Bon, Tunisie). ---- *Bulletin du Société Zoologique de France* 130, 19-29.
- NEUPARTH, T., A. D. CORREIA, F. O. COSTA, G. LIMA & M. H. COSTA 2005. Multi-level assessment of chronic toxicity of estuarine sediments with the amphipod *Gammarus locusta*: I. Biochemical endpoints. ---- *Marine Environmental Research* 60, 69-91.
- NICKEL, J. 2004. Benthopelagische Kopplungsprozesse im arktischen Mellemfjord (Westgrönland) unter besonderer Berücksichtigung benthischer Peracarida. ---- *Berichte zur Polar- und Meeresforschung* 49, 1-135. (Not seen)
- NIJSEN, F. 2005. *Role of benthic amphipods in antarctic trophodynamics: a multidisciplinary study*. ---- D-Sc Dissertation, Univ. de Liège 212 pp. (This is Fabienne Nijssen's thesis, a beautiful piece of work, using many new and innovative methods in order to help unravel the Antarctic food web and the role amphipods play in it. The separate papers have been noted in AN as they appear)

NIJSSEN, F. & M. GRAEVE 2005. Stable isotopes and fatty acids used as biomarkers to distinguish among antarctic amphipods trophic guilds. ---- *Berichte zur Polar- und Meeresforschung* 507, 78.

NISHIKAWA, J., Y. SUZUKI & S. NISHIDA. 2005. Immunochemical recognition of gelatinous zooplankton: an application to identify the origin of the 'barrel' made by the pelagic amphipod, *Phronima sedentaria*. ---- *Journal of the Marine Biological Association UK* 85, 635-639. (The barrels originate from tunicates, not from cnidarians)

OHTSUKA, S., Y. HANAMURA, K. NAGASAWA, t. HORIGUCHI & T. SUZAKI 2004. First record of the occurrence of an ellobiopsid *Thalassomyces marsupii* Kane on a new host of hyperiid amphipod in Japanese waters. ---- *Plankton Biology & Ecology* 51, 110-112. (Found on *Scina vosseleri*, making the Scinidae another new host family, cf Vader & Berge 2005)

OVERDIJK, C. D. A. van , I. GROGOROVICH, T. MABEE, W. J. RAY, J. J. H. CIBOROWSKI & H. J. MacISAAC 2003. Microhabitat selection by the invasive amphipod *Echinogammarus ischnus* and native *Gammarus fasciatus* in laboratory experiments and in Lake Erie. ---- *Freshwater Biology* 48, 567-578.

PAIN, S. 2005. Underground Australia. ---- *New Scientist* 6 August 2005, 28-33. (A popular report about the research that John Bradbury talked about at the amphipod meeting in Cork)

PALMER, M. E. & A. RICCIARDI, 2004. ---- Physical factors affecting the relative abundance of native and invasive amphipods in the St Lawrence River. - --- *Canadian Journal of Zoology* 82, 1886-1893.

PAVLOPOULOS, A. & M. AVEROFF 2005. Establishing genetic transformation for comparative developmental studies in the crustacean *Parhyale hawaiiensis*. ---- *Proceedings of the National Academy of Sciences USA* 102, 7888-7893.

PETERS, C. & W. AHLF 2005. Reproduction of the estuarine and marine amphipod *Corophium volutator* (Pallas) in laboratory fore toxicity testing. ---- *Chemosphere* 59, 525-536. (The successful build-up of a laboratory population.)

PETRYASHOV, V. V., A. A. GOLIKOV , M. SCHMIDT & E. RACHOR 2004. (Macrobenthos of the Laptev sea shelf.) ---- *Issledovanye Faunyi Morei* 54-1 (62), 9-27. (In Russian).

- PISCART, C., S. DEVIN, J.-N. BEISEL & J.-C. MORETEAU 2003. Growth-related life-history traits of an invasive gammarid species: evaluation with a Laird-Gompertz model. ---- *Canadian Journal of Zoology* 81, 2006-2014. (*Dikerogammarus villosus*. This paper was unfortunately referred to incorrectly in AN 27)
- PONTON, F., D. G. BIRON, C. JOLY, M. S. HELLUY, D. DUNEAU & F. THOMAS 2005. Ecology of parasitically modified populations: a case study from a gammarid-trematode system. ---- *Marine Ecology Progress Series* 299, 205-215.
- POORE, A. G. B. 2005. Scales of dispersal among hosts in a herbivorous marine amphipod. ---- *Austral Ecology* 30, 219-228 (Studies on *Peramphithoe parmerong*. Dispersal in the field was rapid.)
- POORE, G. C. B. 2005. Phylogenetic and biogeographic relationships between the deep-sea faunas of two Gondwanan continents, Australia and Antarctica. ---- *Berichte zur Polar- und Meeresforschung* 507, 18-19.
- PRATO, E. & F. BIANCOLINO 2005. Amphipod biodiversity of shallow water in the Taranto seas (north-western Ionian Sea). ---- *Journal of the Marine Biological Association UK* 85, 333-338. (65 spp, of which 25 were new to the area. Listed on pp 337-338.)
- REISS, H., S. KNÄUPER & I. KRÖNCKE 2003. Invertebrate associations with gastropod shells inhabited by *Pagurus bernhardus* (Paguridae)—secondary hard substrate increasing biodiversity in North Sea soft-bottom communities. ---- *Sarsia* 88, 404-414. (Nine amphipods listed on p. 406)
- RICHOUX, N.B., D. DEIBEL & R. J. THOMPSON 2004. Population biology of hyperbenthic crustaceans in a cold water environment (Conception Bay, Newfoundland). II. *Acanthostepheia malmgreni* (Amphipoda). ---- *Marine Biology, Berlin* 144, 895-904.
- RICHOUX, N. B., R. J. THOMPSON, D. DEIBEL & C. C. PARRISH 2004. Seasonal and developmental variation in the lipids of *Acanthostepheia malmgreni* (Amphipoda) from the hyperbenthos of a cold-ocean environment (Conception Bay, Newfoundland). ---- *Journal of the Marine Biological Association UK* 84, 1189-1197.
- ROBISON, B. H., K. A. RASKOFF & R. E. SHERLOCK 2005. Ecological substrate in midwater: *Doliolula equus*, a new mesopelagic tunicate. ---- *Journal*

of the Marine Biological Association UK 85, 655-663. (A symbiotic amphipod is not identified.)

ROGERS-GRAY, T. P., J. E. SMITH, A. A. ASHCROFT, R. E. ISAAC & A. M. DUNN 2004. Mechanisms of parasite-induced sex reversal in *Gammarus duebeni*. ---- *International Journal for Parasitology* 34, 747-753.

RODRIGUEZ-RUIZ, S., J. L. SANCHEZ-LIZASO & A. A. RAMOS ESPLA 2001. (Seasonal changes in feeding habits of *Diplodus annularis* (L.,1758) off southeast Iberian Peninsula.) ---- *Boletín Instituto Español de Oceanografía* 17, 87-95. (Amphipods important food source)

RUFFO, S. & T. KRAPP 2005. Catalogue of the amphipod collection in the Museo Civico di Storia Naturale, Verona (Crustacea, Malacostraca). ---- *Museo Civico di Storia Naturale di Verona, Serie Cataloghi* 3, 1- 98. (This beautifully designed booklet contains a veritable treasure trove of information about one of the richest amphipod collections in the world, brought together by the senior author (90 years young in August 2005!) during a long and active life of service to his museum, amphipod science and nature conservation. The authors have done the amphipod workers world a very great service with the production of this very useful catalogue, which must have cost them a lot of time.)

RULE, M. J. & S. D. A. SMITH 2005. Spatial variation in the recruitment of benthic assemblages to artificial substrata. ---- *Marine Ecology Progress Series* 290, 67-78.

SANCHO, G., C. R. FISHER, S. MILLS, F. MICHELI, G. A. JOHNSON, H. S. LENIHAN, C. H. PETERSON & L. S. MULLINEAUX 2005. Selective predation by the zoarcid fish *Thermarces cerberus* at hydrothermal vents. ---- *Deep-Sea Research I* 52, 837-844.

SARVER, R. & K. B. LISTER 2004. Surface stream occurrence and updated distribution of *Allocrangonyx hubrichti* Holsinger (Amphipoda: Allocrangonyctidae), an endemic subterranean amphipod of the interior highlands. ---- *Journal of Freshwater Ecology* 19, 165-168. (Not seen)

SAWICKI, T. R. & J. R. HOLSINGER 2005. New species and new records of weckeliid amphipod crustaceans (Hadziidae) from caves in northern Mexico, with descriptions of the new genera *Paraholsingerius* and *Tamaweckelia*. ---- *Proceedings of the Biological Society of Washington* 118, 285-305. (Deals with *Paraholsingerius* n. gen. (type *Holsingerius smaragdinus*), *P. mexicanus* n.sp. (Coahuila, Mexico) and *Tamaweckelia apalpa* n. gen. n. sp. (Tamaulipas, Mexico). A single, isolated head also collected from a Tamaulipas cave seems to

belong to another new genus. *Paramexiweckelia ruffoi* is from the second time collected from Texas).

SAWICKI, T. R., J. R. HOLSINGER & T. M. ILIFFE 2005. New species of amphipod crustaceans in the genera *Tegano* and *Melita* (Hadzioidea: Melitidae) from subterranean groundwaters in Guam, Palau and the Philippines. ---- *Journal of Crustacean Biology* 25, 49-74. (Deals with *Tegano clavatus* n. sp. (Philippines), *T. panglaoensis* n. sp. (Philippines), *T. barnardi* n. sp. (Palau), and *Melita almagosa* n. sp. (Guam). (NB. All new species are authored by Sawicki & Holsinger.) The genus *Paraniphargus* is synonymized with *Melita*, while *Abludomelita* is considered of questionable validity.)

SCAPINI, F., L. CHELAZZI, I. COLOMBINI, M. FALLACI & L. FANINI 2005. Orientation of sandhoppers at different points along a dynamic shoreline in southern Tuscany. ---- *Marine Biology, Berlin* 147, 919-926.

SCHILL, R. O. & H.-R. KÖHLER 2004. Does the environment or the source of the population define stress status and energy supply in the freshwater amphipod, *Gammarus fossarum*? ---- *Ecotoxicology* 13, 683-695.

SCHRAM, F. R. 2005. The place of Collembola amongst the Arthropoda. ---- *Crustaceana* 77, 1263-1265. (Nowhere near the Amphipoda)

SCHRAM, F. R. & S. KOENEMANN 2001. Developmental genetics and arthropod evolution: part 1. On legs. ---- *Evolution & Development* 3, 343-354.

SCHRAM, F. R. & S. KOENEMANN 2004. *Developmental genetics and arthropod evolution: on body regions of Crustacea*. ---- Pp 75-92 in G. Scholtz (ed.). *Evolutionary developmental biology of Crustacea*. Crustacean Issues 15. Balkema, Lisse.

SCHRAM, F. R. & S. KOENEMANN 2004. *Are the crustaceans monophyletic?* ---- Pp 319-329 in J. Cracraft & M. J. Donoghue (eds). *Assembling the tree of life*. Oxford University Press. (The answer, acc. to these authors, is NO)

SCIPIONE, M. B., L. LATTANZI, P. TOMASSETTI, C. GUSSO CHIMENZ, F. MAGGIORI, L. MARINELLO, R. CIRONI & E. TARAMELLI 2005. Biodiversity and zonation patterns of crustacean peracarids and decapods of coastal soft-bottom assemblages. ---- *Vie & Milieu* 55, 143-161. (A Tyrrhenian study. Amph. listed on pp 147-148.)

SENNA, A.R. & C. S. SEREJO 2005. *Ingolfiella rocaensis* sp. nov. (Crustacea: Amphipoda: Ingolfiellidea): first record of ingolfiellidean amphipods in

Brazilian waters. ---- *Zootaxa* 962, 1-6. (A marine species, from Atol dos Rocas, Rio Grande do Norte)

SILBERMANN, J. D. , A. G. COLLINS, L.-A. GERSHWIN, P. J. JOHNSON & A. J. ROGER 2004. Ellobiopsids of the genus *Thalassomyces* are Alveolates. ---- *Journal of Eukaryotic Microbiology* 51, 246-252. (A molecular study. Interestingly enough, the specimen of *Thalassomyces marsupii* used came from a *Cystisoma* sp. off California, only the second instance of a host in this family)

SIMCIC, T., S. LUKANCIC & A. BRANCELJ 2005. Comparative study of electron transport activity and oxygen consumption of amphipods from caves and surface habitats. ---- *Freshwater Biology* 50, 494-501.

SKET, B. 2004. The cave hygropetric-a little known habitat and its inhabitants. - --- *Archiv für Hydrobiologie* 160, 413-425. (Not seen)

SPEARS, T., R. W. DeBRY, L. G. ABELE & K. CHODYLA 2005. Peracarid monophyly and interordinal phylogeny inferred from nuclear small-subunit ribosomal DNA sequences (Crustacea: Malacostraca: Peracarida. ---- *Proceedings of the Biological Society of Washington* 118, 117-157.

TANAKA, M. O. & F. P. P. LEITE 2004. Distance effects on short-term recolonization of *Sargassum stenophyllum* by mobile epifauna, with an analysis of gammarid life habits. ---- *Journal of the Marine Biological Association UK* 84, 901-910.

TARUTIS, J., S. LEWIS & M. DYKE 2004. Active parental care in a freshwater amphipod (Crustacea: *Gammarus pseudolimnaeus*). Effects of environmental factors. ---- *The American Midland Naturalist* 153, 276-283.

TERRY, R. S., J. E. SMITH, R. G. SHARPE, T. RIGAUD, D. T. J. LITTLEWOOD, J. E. IRONSIDE, D. ROLLINSON, D. BOUCHON, C. MacNEIL, J. T. A. DICK & A. M. DUNN 2004. Widespread vertical transmission and associated host sex-ratio distortion within the eukaryotic phylum Microspora. ---- *Proceedings of the Royal Society of London B* 271, 1783-1789.

TIERNEY, T. D., F. KANE, D. NAUGHTON, P. O'DONOHUE, L. COPLEY & D. JACKSON 2004. On the occurrence of the caprellid amphipod, *Caprella mutica* Schurin, 1935, in Ireland. ---- *Irish Naturalist Journal* 27, 437-439.

TIMOFEYEV, M. A., C. WIEGAND, B. K. BURNISON, Z. M. SHATILINA, S. PFLUGMACHER & C. E. W. STEINBERG 2004. Impact of natural organic

matter (NOM) on freshwater amphipods. ---- *Science of the Total Environment* 319, 115-121.

TSOI, K. H., K. M. CHIU & K. H. CHU 2005. Effects of temperature and salinity on survival and growth of the amphipod *Hyale crassicornis*. ---- *Journal of Natural History* 39, 325-336.

D'UDEKEM d'ACQZ, C. & W. VADER 2005. New records of West and South African *Bathyporeia*, with the description of four new species and a key to all species of the genus (Crustacea, Amphipoda). ---- *Journal of Natural History* 39, 2759-2794. (Deals with *Bathyporeia chevreuxi* n.sp. (Rade de Dakar, Senegal), *B. cunctator* n.sp. (Langebaan lagoon, South Africa), (*B. tenuipes* and *B. lindstromi*, for comparison), *B. gladiura* n.sp. (Langebaan lagoon, S. Africa), *B. griffithsi* n.sp. (Langstrand, Namibia), *B. guillamsoniana* and *B. spec.* Senegal. A key to all species is provided.)

UGOLINI, A., F. BORGHINI, P. CALOSI, M. BAZZICALUPO, G. CHELAZZI & S. FOCARDI 2004. Mediterranean *Talitrus saltator* (Crustacea, Amphipoda) as a biomonitor of heavy metal contamination. ---- *Marine Pollution Bulletin* 48, 526-532.

UNGERER, P. & C. WOLFF 2005. External morphology of limb development in the amphipod *Orchestia cavimana* (Crustacea: Malacostraca: Peracarida). ---- *Zoomorphology* 124, 89-108.

VADER, W. & J. BERGE 2005. First record of the ellobiopsid parasite *Thalassomyces marsupii* Kane, 1964, in a stegocephalid host, with a review of previous records. ---- *Biofar Proceedings 2004*, 167-174. (Found on *Parandania boeckii* off the Faroe islands. This is the fifth amphipod family in which this ellobiopsid has been found. But see also Ohtsuki et al. 2004))

VADER, W., J. R. JOHNSEN & J. BERGE 2005. Studies on the genus *Onisimus* Boeck, 1871 (Crustacea, Amphipoda, Lysianassoidea, Uristidae). Part I. The *brevicaudatus* and *sextonae* species groups. ---- *Organisms, Diversity and Evolution* 5, 161-164 and *Electronic Suppl.* 7, 1-48. (Deals with *O. affinis* (with *O. dubius* as a synonym), *O. botkini* (questionably valid), *O. brevicaudatus*, *O. caricus* and *O. derjugini* in the *brevicaudatus* group, and *O. abyssi*, *O. leucopsis* and *O. sextonae* in the *sextonae* group.)

VELASCO, C., A. J. SANCHEZ & R. FLORIDO 2005. A new record of *Uhlorchestia uhleri* (Shoemaker, 1930) (Peracarida, Amphipoda, Talitridae) from the southern Gulf of Mexico. ---- *Crustaceana* 78, 499-502.

- VERKAEREN, M., C. DE BROYER & P. MARTIN 2005. A preliminary approach of the origin and evolution of lysianassoid amphipod biodiversity in Antarctica. ---- *Berichte zur Polar- und Meeresforschung* 507, 192.
- WALSH, C. J., P. J. PAPAS, D. CROWTHER, P. T. SIM & J. YOO 2004. Stormwater drainage pipes as a threat to a stream-dwelling amphipod of conservation significance, *Austrogammarus australis*, in southeastern Australia. ---- *Biodiversity and Conservation* 13, 781-793. (Not seen)
- WANG, F., R. R. GOULET & P. M. CHAPMAN 2004. Testing sediment biological effects with the freshwater amphipod *Hyaella azteca*: the gap between laboratory and nature. ---- *Chemosphere* 57, 1713-1724.
- WELLBORN, G. A. 2002. Trade-off between competitive ability and antipredator adaptation in a freshwater amphipod species complex. ---- *Ecology* 83, 129-136. (The *Hyaella azteca* complex)
- WELLBORN, G. A. & S. E. BARTHOLF 2005. Ecological context and the importance of body and gnathopod size for pairing success in two amphipod ecomorphs. ---- *Oecologia* 143, 308-316. (Two species within the *Hyaella azteca* complex.)
- WELLBORN, G. A. & R. C. COTHRAN 2004. Phenotypic similarity and differentiation among sympatric cryptic species in a freshwater amphipod species complex. ---- *Freshwater Biology* 49, 1-13. (Three species in the *Hyaella azteca* complex)
- WELLBORN, G. A., R. COTHRAN & S. BARTHOLF 2005. Life history and allozyme diversification in regional ecomorphs of the *Hyaella azteca* (Crustacea: Amphipoda) species complex. ---- *Biological Journal of the Linnean Society* 84, 161-175.
- WERNER, I. 2005. Living conditions, abundance and biomass of under-ice fauna in the Storfjord area (western Barents Sea, Arctic) in late winter (March 2003). ---- *Polar Biology* 28, 311-318.
- WETZEL, M. A., H. LEUCHS & J. H. E. KOOP 2005. Preservation effects on wet weight, dry weight, and ash-free dry weight biomass estimates of four common estuarine macro-invertebrates: no difference between ethanol and formalin. ---- *Helgoland Marine Research* 59, 206-213. (*Corophium* sp. and *Gammarus* sp. are two of the four species treated.)

WILLIAMS, C. M., R. POULIN & B. J. SINCLAIR 2004. Increased haemolymph osmolality suggests a new route for behavioural manipulation of *Talorchestia quoyana* (Amphipoda: Talitridae) by its mermithid parasite. ---- *Functional Ecology* 18, 685-691.

WILLIAMS, J. D. & J. J. McDERMOTT 2004. Hermit crab biocoenoses: a worldwide review of the diversity and natural history of hermit crab associates. - --- *Journal of Experimental Marine Biology & Ecology* 305, 1-128. (A most welcome and very extensive survey and review of all hermit crab associates: amphipods are listed on pp 38-41 and discussed on pp 79-80.)

WITT, J. D. S., D. W. BLINN & P. D. N. HEBERT 2003. The recent evolutionary origin of the phenotypically novel amphipod *Hyalella montezuma* offers an ecological explanation for morphological stasis in a closely allied species complex. ---- *Molecular Ecology* 12, 405-413. (Not seen, unfortunately)

WRIGHT, J. T., R. de NYS, A. G. B. POORE & P. D. STEINBERG 2004. Chemical defense in a marine alga: heritability and the potential for selection by herbivores. ---- *Ecology* 85, 2946-2959.

ZINTZEN, V. 2005. Les amphipodes tubicoles des épaves du plateau continental belge. ---- *De Strandvlo* 25, 38-49. (Deals with *Jassa herdmani*, *Monocorophium acherusicum* and *M. sextonae*.)

NEW TAXA IN AN 29

I. Alphabetic list

A. NEW GENERA

| | |
|--|-----------------|
| <i>Indophoxus</i> Dang & Le, 2005-10-13 | Phoxocephalidae |
| <i>Paraholsingerius</i> Sawicki & Holsinger, 2005 | Hadziidae |
| <i>Tamaweckelia</i> Sawicki & Holsinger, 2005 | Hadziidae |
| <i>Vietophoxus</i> Dang & Le, 2005 | Phoxocephalidae |

B. NEW SPECIES

| | |
|---|----------------|
| addyi Horton, 2005 (<i>Podoprion</i>) | Podoprionidae |
| almagosa Sawicki & Holsinger, 2005 (<i>Melita</i>) | Melitidae |
| apalpa Sawicki & Holsinger, 2005 (<i>Tamaweckelia</i>) | Hadziidae |
| argentina Alonso de Pina, 2005 (<i>Notopoma</i>) | Ischyrocerinae |
| barnardi Sawicki & Holsinger, 2005 (<i>Tegano</i>) | Melitidae |
| chevreuxi d'Udekem d'Acoz & Vader, 2005 (<i>Bathyporeia</i>) | Pontoporeiidae |
| clavatus Sawicki & Holsinger, 2005 (<i>Tegano</i>) | Melitidae |

| | |
|---|-----------------|
| comosus Hou, Li & Gao, 2005 (<i>Gammarus</i>) | Gammaridae |
| cornicolanus Iannilli & Vigna Taglianti, 2005 (<i>Niphargus</i>) | Niphargidae |
| corticis Appadoo & Myers, 2005 (<i>Melita</i>) | Melitidae |
| cunctator d'Udekem d'Acoz & Vader, 2005 (<i>Bathyporeia</i>) | Pontoporeiidae |
| curvirostris Dang & Le, 2005 (<i>Indophoxus</i>) | Phoxocephalidae |
| cuvettensis Appadoo & Myers, 2005 (<i>Dulichella</i>) | Melitidae |
| elliottana Lowry & Springthorpe, 2005 (<i>Rhachotropis</i>) | Eusiridae |
| fractus King & Holmes, 2004 (<i>Ischyrocerus</i>) | Ischyrocerinae |
| gladiura d'Udekem d'Acoz & Vader, 2005 (<i>Bathyporeia</i>) | Pontoporeiidae |
| greeniei Appadoo & Myers, 2005 (<i>Ceradocus</i>) | Melitidae |
| griffithsi d'Udekem d'Acoz & Vader, 2005 (<i>Bathyporeia</i>) | Pontoporeiidae |
| hapipandi Guerra-Garcia, 2004 (<i>Monoliropus</i>) | Caprellinae |
| jeanjusti Krapp-Schickel, 2005 (<i>Cressa</i>) | Cressidae |
| juliana Lowry & Springthorpe, 2005 (<i>Regalia</i>) | Calliopiidae |
| kensleyi Lowry & Springthorpe (<i>Membranilopus</i>) | Calliopiidae |
| littoralis Ariyama, 2005 (<i>Colomastix</i>) | Colomastigidae |
| longirostris Dang & Le, 2005 (<i>Vietophoxus</i>) | Phoxocephalidae |
| madidus Hou & Li, 2005-10-13 (<i>Gammarus</i>) | Gammaridae |
| mandibulata Berge & Vader, 2005 (<i>Alexandrella</i>) | Stilipedidae |
| martae Berge & Vader, 2005 (<i>Alexandrella</i>) | Stilipedidae |
| mexicanus Sawicki & Holsinger, 2005 (<i>Paraholsingerius</i>) | Hadziidae |
| minutus revived (<i>Ischyrocerus</i>) | Ischyrocerinae |
| ovata Dang & Le, 2005 (<i>Eriopisa</i>) | Melitidae |
| panglaoensis Sawicki & Holsinger, 2005 (<i>Tegano</i>) | Melitidae |
| paradurbanensis Bano & Karmi, 2004 (<i>Laetmatophilus</i>) | Podoceridae |
| pexus Hou & Li, 2005 (<i>Gammarus</i>) | Gammaridae |
| rectimana Appadoo & Myers, 2005 (<i>Nuunanu</i>) | Melitidae |
| rocaensis Senna & Serejo, 2005 (<i>Ingolfiella</i>) | Ingolfiellidae |
| semiplumosa Ariyama, 2005 (<i>Colomastix</i>) | Colomastigidae |
| setimera Appadoo & Myers, 2005 (<i>Melita</i>) | Melitidae |
| stalagmiticus Hou & Li, 2005 (<i>Gammarus</i>) | Gammaridae |
| theresae Iannilli, Ruffo & Holsinger, 2005 (<i>Nubigidiella</i>) | Bogidiellidae |
| wirtzi Krapp-Schickel & Takeuchi, 2005 (<i>Caprella</i>) | Caprellinae |

II. Taxonomic list

Bogidiellidae

Nubidigiella **theresae**

Calliopiidae

Membranilopus **kensleyi**

Regalia **juliana**

Caprellinae

Caprella **wirtzi**Monoliropus **hapipandi**

Colomastigidae

Colomastix **littoralis, semiplumosa**

Cressidae

Cressa **jeanjusti**

Eusiridae

Rhachotropis **elliottana**

Gammaridae

Gammarus **comosus, madidus, pexus, stalagmiticus**

Hadziidae

Tamaweckelia **apalpa**

Ingolfiellidae

Ingolfiella **rocaensis**

Ischyrocerinae

Ischyrocerus **fractus, (minutus)**Notopoma **argentina**

Melitidae

Ceradocus **greenei**Dulichella **cuvettensis**Eriopisa **ovata**Melita **amalgosa, corticis, setimera**Nuuanu **rectimanus**Tegano **barnardi, clavatus, panglaoensis**

Niphargidae

Niphargus **cornicolanus**

Phoxocephalidae

Indophoxus **curvirostris**Vietophoxus **longirostris**

Podoceridae

Laetmatophilus **paradurbanensis**

Podoprionidae

Podoprion **addyi**

Pontoporeiidae

Bathyporeia **chevreuxi, cunctator, gladiura, griffithsi**

Stilipedidae

Alexandrella **mandibulata, martae**

LECTURES AND POSTERS INVOLVING AMPHIPODS DURING THE SIXTH INTERNATIONAL CRUSTACEAN CONGRESS, GLASGOW

A. LECTURES

ADAMOWICZ, S. J., S. MENU-MARQUE, V. SACHEROVA & A. PURVIS. Testing a general evolutionary trend in the Crustacea.

AKAM, M.. Crustacean Evolution; an evo-devo perspective. (Plenary lecture).

ASHTON, G. V., K. J. WILLIS, E. J. CROOK & M. T. BURROWS. Distribution of *Caprella mutica*, an introduced skeleton shrimp (Amphipoda, Caprellidae), in Scotland and worldwide.

BUHL-MORTENSEN, L., J. AURE, E. ALVE, K. HUSUM & E. OUG. The response of hyperbenthos to hypoxia in fjord-basins: searching for indicator organisms and controlling environmental factors.

CALOSI, P., F. BORGHINI, A. UGOLINI & D. MORRITT. Seasonal and latitudinal differences in the physiology of the sandhopper *Talitrus saltator*.

DE BROYER, C., F. NIJSSEN & P. DAUBY. Scavenger amphipod crustaceans from the Antarctic deep sea: composition, distribution and ecofunctional role.

FORD, A. T. Intersexuality in amphipods: a review.

GUTOW, L. & M. THIEL. Rafting as dispersal mechanism for marine crustaceans.

- JAUME, D. Voices from a vanished tropical world: relict anchialine stygofauna from the Mediterranean basin.
- LLOYD MILLS, C. & S. J. BROOKS. Distinct physiological races in *Gammarus duebeni*. Is this a case of speciation in progress?
- LLOYD MILLS, C. & S. J. BROOKS. Ecophysiology of native and invasive gammarid amphipods of the Netherlands.
- LÖRZ, A.-N. & A. ROWDEN. Biodiversity, endemism and biogeographic affinities of the Ross Sea amphipod fauna.
- MAYER, C., M. RAUPACH & J. W. WÄGELE. Crustacean phylogeny and the information content of SSU rDNA-alignments.
- MEJIA-ORTIZ, L. M., G. YAÑEZ, W. E. UC-HUCHIN, L. MAY-HOIT, M. LOPEZ-MEJIA & R. G. HARTNOLL. Crustacean fauna of four anchialine caves in Cozumel Island, Mexico.
- MIRZAJANI ALI, R., O. HIDARI & M. SAYADRAHIM. A biological study on *Gammarus lacustris* G.O.Sars, 1863 in Neor Lake.
- NATYAGANOVA, A. V. & D. S. BEDULINA. *Sisypus* from Lake Baikal [On *Hyalellopsis variabilis* that moves with the help of stones which it carries.]
- POORE, G. C. B. Peracarida: monophyly, relationships and evolutionary success.
- RUIZ, G. Coastal marine invasions in North America: past, present, and future.
- STRANSKY, B. & A. BRANDT. Peracarida (Crustacea, Malacostraca) off South Greenland.
- WIRKNER, C. & S. RICHTER. The circulatory systems in Peracarida. Phylogenetic implications.

B. POSTERS

- ATIENZA, D. & A. MARTIN. Seasonality and spatial patterns of turtle-grass associated amphipods (Crustacea) in Morrocoy National Park, Venezuela.

BACELA, K. & M. GRABOWSKI. How to be an invasive gammarid. Life history traits.

BACELA, K. & A. KONOPACKA. Invasive by life history?—The case of *Dikerogammarus haemobaphes* in the Vistula river.

BEREZINA , N. A. & V. E. PANOV. Pathways, consequences and risk assessment of amphipod invasions in European Russia.

CUNHA, M. R. & J. C. SORBE. Crustacea from unusual bathyal environments in the Gulf of Cadiz.

DVORETSKY, A.G. & S. A. KUZMIN. Commensals of the Red King Crab *Paralithodes camtschaticus* with amphipods of the genus *Ischyrocerus*.

DZIEKONSKI, M., M. BOCHENEK, M. NORMANT, A. DOBRZYCKA-KRACHEL & A. SZANIAWSKA. Physiological responses to salinity changes by the invasive amphipod *Gammarus tigrinus* Sexton, 1939 from southern Baltic Sea.

FENWICK, G. Spatial patterns of surf beach crustaceans.

GATES, A. R., M. SHEADER, J. A. WILLIAMS & R. N. BAMBER. The physiological ecology of the specialist lagoon amphipod *Gammarus insensibilis* (Crustacea; Amphipoda).

GRABOWSKI, M., A. JAZDZEWSKA, A. KONOPACKA & K. JAZDZEWSKI. Invasion of *Dikerogammarus haemobaphes* in central European waters—a molecular perspective.

GUERRA-GARCIA, J. M. & J. C. GARCIA-GOMEZ. Soft bottom crustaceans as pollution bioindicators in a harbour with two opposing entrances.

GUERRA-GARCIA, J. M., R. GONZALEZ-PRIETO, E. GOMEZ-ORDOÑEZ, Z. VILLEGAS & J. M. GARCIA-GOMEZ. Crustacean recolonization in sediments and algae after defaunation: a field experiment.

GUERRA-GARCIA, J. M. , S. REDONDO-GOMEZ, A. G. ESPINA, J. M. CASTILLO, T. LUQUE, J. C. GARCIA-GOMEZ & M. E. FIGUEROA. RAPD analysis: a useful tool to explore genetic differentiation in caprellids.

- IANNILLI, V. & E. DE MATTHAEIS. Genetic divergence within *Gammarus aequicauda* (Martynov, 1931) based on 16S mitochondrial DNA.
- JACOBUCCI, G. B. & F. P. P. LEITE. Amphipod grazers in *Sargassum* beds of southeastern Brazil: are they selective feeders?
- JAZDZEWSKI, K., A. KONOPACKA & M. GRABOWSKI. Recent range extensions of alien Malacostraca in central Europe.
- KETMAIER, V., F. SCAPINI & E. DE MATTHAEIS. Micro-geographical variation of genetic and behavioural traits in the sandhopper *Talitrus saltator* (Crustacea, Amphipoda) along a dynamic beach.
- KHAZRAEE N. S., J. ROCK, J. L. MAGNAY, A. J. AL HAJ & N. M. WHITELEY. Biochemical and molecular characterisation of fast and slow muscle fibres in the abdominal muscles of gammarid amphipods.
- LEGEZYNSKA, J. & J. M. WESLAWSKI. Fauna Malacostraca of Kongsfjorden (Spitsbergen, Svalbard).
- LÖRZ, A.-N., D. DENNIS GORDON & N. BRUCE. Burgeoning biodiversity—New Zealand crustaceans and the NIWA invertebrate collection.
- MALEK, M., M. MOZAIENI & A. SARI. Life history of *Gammarus komareki* (Amphipoda: Gammaridae) in Kurdistan province.
- MESSOULI, M., G. MESSANA & M. YACOUBI-KHEBIZA. Phylogeny and biogeography of the family Salentinellidae.
- MILLIGAN, R. J., L. M. HENRY & J. M. ROBERTS. An investigation of the benthic fauna associated with cold-water corals from giant carbonate mounds in the Porcupine seabight.
- MUSKO, I. B., C. BALOGH, A. P. TOTH, E. VARGA & G. LAKATOS. Seasonal changes of Malacostraca in the stony littoral zone of Lake Balaton (Hungary) in a droughty and the next regeneration period.
- NAHAVANDI, N., A. R. MIRZAJANI, M. SHEIDALI & B. H. KIABI. Intraspecific variations of *Pontogammarus maeoticus* (Sowinsky, 1894) in Iranian water of South Caspian Sea.

ORTIZ, M., A. MARTIN, I. WINFIELD, Y. DIAZ & D. ATIENZA. Graphic identification key for gammaridean amphipods from tropical western Atlantic.

PARCHEM, R. J., W. E. BROWNE, M. GERBERDING, C. C. BABBITT & N. H. PATEL. Segmentation in the amphipod *Parhyale hawaiiensis*.

PAVESI, L., V. IANNILLI, P. ZARATTINI & E. DE MATTAEIS. Spatio-temporal distributions of three supralittoral talitrid species at the mouth of an Italian river.

PLATVOET, D., Z.-E. HOU & S. LI. The amphipod pilot species project (AMPIS), a novel Dutch-Chinese taxonomic initiative (Crustacea, Amphipoda).

REHM, P., W. ARNTZ, A. BRANDT & S. THATJE. Distribution and composition of macrozoobenthic communities along a Victoria-land transect (Ross Sea, Antarctica), with special emphasis on the peracarid crustacean fauna.

REZA, M. & S. MOSTAFA. Reproduction strategy of Amphipoda species in some habitats of Iran.

SANAEI, F., A. SARI & B. ZEINALI. Taxonomic study of amphipods (Crustacea: Amphipoda) of Kohgiluyeh-Buveyrahmad province of Iran.

STOREY, M. J. & G. C. B. POORE. Corophiini (Crustacea: Corophiidae: Corophiinae). A phylogenetic test of the genera.

THOMA, B. P. The *Gammarus mucronatus* (Amphipoda: Gammaridae) species complex in the northern Gulf of Mexico: ecophenotypic variants or distinct species?

THORMAR, J., J. BERGE & M. O. MACNAUGHTON. Sympagic amphipods at 82 degrees North.

D'UDEKEM d'ACQZ, C.. Revision and cladistic analysis of the genus *Bathyporeia* Lindström, 1855 (Crustacea, Amphipoda, Bathyporeiidae).

VADER, W. How many amphipod species?

WELLBORN, G.A. & R. BROUGHTON. Ecological interactions drive diversification in a freshwater amphipod species complex.

XII. INTERNATIONAL COLLOQUIUM ON AMPHIPODA, NATIONAL UNIVERSITY OF IRELAND CORK, 24-26 JULY 2005

The amphipod 'Chatshop' in Cork was a resounding success, due to a very large part to the untiring efforts of Alan Myers. We were between 40 and 50 participants, and surprisingly many of the 'big names' in amphipodology were gathered, while also the talks were generally of excellent quality. Contrary to earlier chatshops, this time we had a quite full programme of lectures, which gave us somewhat less time for informal discussions. Still, we did find time for a whole day excursion---or even two: the group was split up over two different destinations--, as well as an evening of Irish folk music. All these amphipod meetings have to me very much the feel of family reunions, and this one was no exception; it is great that our field is such a harmonious one, without the often deadly feuds that plague so many others.

I have appended a list of the lectures.

ARAUJO, P. B. & G. BOND-BUCKUP. Distribution and systematics of Hyalellidae from Brazil.

ARAUJO, P. B., D. S. CASTIGLIONI & G. BOND-BUCKUP. Aspects of the reproductive biology of two new *Hyalella* species (Amphipoda, Hyalellidae) from southern Brazil.

BOUSFIELD, E. L. & K. E. CONLAN. Sound production in amphipod crustaceans: classificatory status and review.

BOUSFIELD, E. L. & K. E. CONLAN. Amphipod antennal calceoli: an updated review of their morphology, taxonomic distribution, and possible phyletic and functional significance.

BOUSFIELD, E. L. & CMN colleagues. The fossorial gammaridean amphipod family Pontoporeiidae in the North Pacific and Canadian Arctic regions.

BRADBURY, J. Stygobiotic amphipod communities of Western Australia.

DAUVIN, J.-C. Amphipods as bioindicators of marine pollution: a review.

FENWICK, G., G. INGLIS & N. GUST. Invasive amphipods in New Zealand.

FISER, C. *Niphargus* home page.

HENZLER, C. M. & C. W. CUNNINGHAM. Dispersal by rafting in North Atlantic amphipods: Does distance matter?

JAZDZEWSKI, K., A. KONOPACKA & M. GRABOWSKI. Alien gammarid species in the Vistula Lagoon (Poland) cause the retreat of native species.

JAZDZEWSKI, K. & J. KUPRYJANOWICZ. Another interesting amphipod in Baltic amber.

KLEBBA, K. N. Development and use of the *Leucothoe* amphipod taxonomic database.

KRONENBERGER, K. The functional morphology of amphipod silk.

LOWRY, J. Terminology of amphipod anatomy.

LOWRY, J. The Lizard Island Workshop—a pictorial overview.

NORMANT, M. & A. SZANIAWSKA. *Gammarus tigrinus* Sexton, 1939—one of the last newcomers to the Gulf of Gdansk.

RICHARDSON, A. & M. DRIESSEN. The effect of fire on terrestrial amphipod populations in Tasmanian sedgeland.

SEREJO, C. S. & J. LOWRY. The coastal talitrids (Amphipoda: Talitroidea: Talitridae) of South and Western Australia.

THOMAS, J. Unexplored diversity and cryptic species in leucothoid amphipods: Status, progress, and needs.

d'UDEKEM d'ACQZ, C. Revision and cladistic analysis of the genus *Bathyporeia* Lindström, 1855 (Crustacea, Amphipoda, Bathyporeiidae).